

**Amendments to the Specification**

Please amend lines 5-8 of page 36 of the specification to read:

FIG. 10 illustrates a block diagram 320(a) of the deinterleaving address generator 320 generating a read address for reading code symbols written in the input buffer 310, for  $N_{EP}=408$  ( $m=7$ ), 792 ( $m=8$ ), 1560 ( $m=9$ ), 3096 ( $m=10$ ), 6168 ( $m=11$ ) and 12312 ( $m=12$ ), and  $J=4$ .

Please amend lines 17-19 of page 37 of the specification to read:

FIG. 11 illustrates a block diagram 320b of the deinterleaving address generator 320 generating a read address for reading code symbols written in the input buffer 310, for  $N_{EP}=3238$  ( $m=10$  and  $J=3$ ).

Please amend lines 16-18 of page 38 of the specification to read:

FIG. 12 illustrates a block diagram 320c of the deinterleaving address generator 320 generating a read address for reading code symbols written in the input buffer 310, for  $N_{EP}=3864$  ( $m=11$  and  $J=2$ ).

Please amend lines 14-16 of page 39 of the specification to read:

FIG. 13 illustrates a block diagram 320d of the deinterleaving address generator 320 generating a read address for reading code symbols written in the input buffer 310, for  $N_{EP}=4632$  ( $m=11$  and  $J=3$ ).

Please amend lines 22-25 of page 39 of the specification to read:

A BRO operator ~~422~~ 472 groups bits obtained by dividing the code symbol index  $k$  by  $2^m$ , performs a BRO operation on a row index for symbols of each group by the  $m$  bits, and calculates a row index  $r_k$  for the code symbol index  $k$ .

Please amend lines 14-16 of page 40 of the specification to read:

FIG. 14 illustrates a block diagram 320e of the deinterleaving address generator 320 generating a read address for reading code symbols written in the input buffer 310, for  $N_{EP}=9240$  ( $m=12$  and  $J=3$ ).

Please amend lines 12-14 of page 41 of the specification to read:

FIG. 15 illustrates a block diagram 320f of the deinterleaving address generator 320 generating a read address for reading code symbols written in the input buffer 310, for  $N_{EP}=15384$  ( $m=13$  and  $J=2$ ).